

DRAFT
U.S. Department of Energy
Quarterly Teleconference on Implementing
Environmentally Preferable Purchasing Requirements
October 28, 2004 11 a.m. - 12:30 p.m. (EDT)

TOPICS

- Criteria and suppliers of the 7 newly designated products with recycled content
- Data call for the FY2004 recycled and biobased product report

PARTICIPANTS:

DOE HEADQUARTERS PREFERRED PROCUREMENT PROGRAMS: Mark Decot, Richard Langston, Don Lentzen, Kevin Groppe

DOE-HQ Other: Michael Raizen

OTHER FEDERAL AGENCIES:

Office of the Federal Environmental Executive: Dana Arnold

U.S. Environmental Protection Agency: Sue Nogas, Tim Pofs, Julie Shannon, Bill Spotts

CIVILIAN RADIOACTIVE WASTE MANAGEMENT

Yucca Mountain Project: Delane Fitzpatrick-Maul, Lee Bishop, Bruce Stanley, Mike ...(?)

ENERGY EFFICIENCY AND RENEWABLE ENERGY

Golden Field Office: Steve Blazek

National Renewable Energy Laboratory: Don Carlile

Regional Offices:

Atlanta Regional Office: Traci Leath

Seattle Regional Office: Kim Penfold, Carol Gates

Weatherization Assistance Program: Michael Bednarz, Alex Moore (DNR International)

ENVIRONMENTAL MANAGEMENT

East Tennessee Technology Park: Tim Horst

Office of River Protection: Michael Royack

Ohio Field Office: Tamara Ludwig

Fernald Environmental Management Project: Phil Spotts

West Valley Demonstration Project: Jennifer Dundas

Richland Operations Office: Tom Ferns

Hanford Site: Joe Coenenberg, Sandra Fritts, Michael Hughes, Bob Moore

Rocky Flats Operations Office: Doug Schlager

FOSSIL ENERGY

Albany Research Center: Greg (?)

National Energy Technology Laboratory: Erika Ingle, Bruce Webster

Strategic Petroleum Reserves: Teresa Heaton, Dan Kaiser, Christina Bigelow

NUCLEAR ENERGY, SCIENCE AND TECHNOLOGY

Argonne National Laboratory West: Mark Camilla (?)

Idaho National Engineering and Environmental Laboratory: Darrell Brown, Anne Dustin, Phil Hayman

POWER MARKETING ADMINISTRATIONS

Western Area Power Administration: Frank Armstrong, Gene Iley, Tracy Custer

SCIENCE

Chicago Office Integrated Service Center: Tony Bindokas

Oak Ridge Office Integrated Service Center: Richard Martin, David Maybray

Ames Laboratory: Dan Kayser

Argonne National Laboratory - East: Barbara Markwenas

Brookhaven National Laboratory: Peter Pohlott, CR Kroshna

Fermi National Accelerator Laboratory: Bob Johnson

Lawrence Berkeley National Laboratory: Carl Schwab

Oak Ridge National Laboratory: Richard Martin

Pacific Northwest National Laboratory: Sandra Cannon, Wayne Larson

Princeton Plasma Physics Laboratory: Tom McGeachen

Stanford Linear Accelerator Center: Vince (?)

Thomas Jefferson National Accelerator Facility: Dennis Dobbins, Linda Even, Mark Waite

NATIONAL NUCLEAR SECURITY ADMINISTRATION HEADQUARTERS

NNSA Albuquerque Service Center: Teresa Loschke, Steve Sandager(?)

Kansas City Plant: Carolyn Lucas

Lawrence Livermore National Laboratory: Bruce Campbell, Karin King

Los Alamos National Laboratory: Alisha Pope, Jim Stanton

Naval Reactors

Idaho: Greg Sawl

Pittsburgh: Tony DeNapoli, Ron Sand

Nevada Test Site: Al Karns

Pantex: Julie Marlar, Bill Allen, Boyd D...(?)

Sandia National Laboratory – CA: Laurie Farren

Sandia National Laboratory – NM: Kristin Klossner

Savannah River Site: David Hepner

Y-12 National Security Complex: Y-12 Facility: Anne Ostergaard, Sara Cornwall

OTHER

Other: Chris Ash (BSE Las Vegas), Linda Mesaros (Mesaros Associates, Inc.)

MINUTES

Welcome: - Don Lentzen (DOE-HQ Environmentally Preferable Purchasing Program Lead)

Federal Update on Recycled and Other Green Products - Dana Arnold (Office of the Federal Environmental Executive)

- Ed Piñero has been appointed by the President as the new Federal Environmental Executive.
- Online green purchasing training course has been constructed and is available for all government and military employees. The training is broken into six modules and is designed to be fun as well as educational. The expectation is for Contracting Officers to take all six modules with everyone else taking the first four. To be allowed to take the course, presently you have to have an e-mail address ending either with .gov or .mil. OFEE is working with the Office of Personnel Management to open the course to those Federal contractors who do not have .gov or .mil in their e-mail addresses. To take the training, go to www.golearn.gov:
 - Password: [select your own]
 - Free Catalog Section
 - Legislatively Mandated & Agency Required Topics
 - Select course title – What Is Green Purchasing?
 - Hit the register button
 - Select 'Legislatively Mandated or Agency Required' to answer the 1st question
 - Hit continue
 - Answer 2nd question as appropriate
 - Hit submit button
- When purchasing, we all need to be aware of selecting non-ozone depleting substances. Alternative products are listed at <http://www.epa.gov/ozone/snap/lists/index.html>.
- The U.S. Environmental Protection Agency has issued a list of five priority chemicals which agencies must reduce usage of by 50% by 2006. These chemicals are cadmium, lead, mercury, naphthalene, and PCBs.
- The U.S. Postal Service has been working on developing environmentally benign adhesives. Only one company is making such labels at this time. For information on environmentally benign adhesives, see ofee.gov.
- Closing the Circle awards
 - Nomination website is now open (ofee.gov).
 - Categories are the same as last year except for the addition of one new category: alternative fuel vehicles, alternative fuels, and reduced fleet petroleum usage.
 - To be considered for the Green Purchasing Award, the organization must have a robust program for purchasing recycled products as well as either biobased products or other environmentally preferable products, especially best examples of acquiring, using, or validating products or services that have a reduced impact on human health and the environment when compared with competing products or services that serve the same purpose; an outstanding improvement to a process that resulted in significant monetary savings and benefit to the environment; or product testing that led to the approval and use of environmentally preferable products or services. Preference will also be given for outreach programs/projects or educational efforts designed to promote the green purchasing objectives of Executive Order 13101.
 - Energy efficiency projects and products should be submitted as FEMP awards (http://www.eere.energy.gov/femp/services/awards_fewm.cfm)

Question (*Linda Maseros*) - When will the U.S. Department of Agriculture designate the biobased products Federal agencies are to purchase?

Answer (*Dana Arnold*) - The rule is supposed to be published by the end of the calendar year though that is becoming more doubtful with each passing day.

Newly Designated Recycled Products: Specifications and Suppliers – Sue Nogas (U.S. Environmental Protection Agency)

- The third Comprehensive Procurement Guideline update (CPG IV), published April 30, 2004, designated seven new products for purchase with recycled content:
 - modular threshold ramps
 - nonpressure pipe (typically sanitary drainage pipes without pumps)
 - office furniture (office furniture companies alerted to this at the GSA Expo)
 - blasting grit
 - rebuilt vehicular parts
 - bike racks
 - roofing materials
- CPG IV also revised the designation for three items:
 - cement and concrete (added cenospheres and silica fume as recovered material options)
 - polyester carpet (for moderate end-use only)
 - railroad grade crossing surfaces (added recovered wood and plastic as recommended recovered materials)
- Reporting on the seven new products will be required beginning May 2, 2005.
- The Recovered Materials Advisory Notice IV (RMAN IV) contains EPA's recommendations for purchasing the new products, including recommended recovered content levels and product specifications. This information can be found at <http://www.epa.gov/cpg/products.htm>.
- A Supplier Database of some vendors who sell the new products can be found at <http://www.epa.gov/cpg/database.htm>.
- If in the course of transitioning to the newly designated recycled products you have questions, please feel free to call Sue Nogas directly at 703-308-0199.

Question (*Kristin Klossner*) – How does the percentage of “post-consumer” content relate to the percentage of “recycled” content shown on the specifications chart?

Answer (*Dana Arnold*) – The post-consumer content is a part of the total recovered content recommended. If the chart shows 30% post-consumer and 50% total recovered content, that means the product is recommended to have 30% post-consumer, 20% pre-consumer, and 50% virgin content.

Question (*Dennis Dobbins*) – If a product does not meet the percent required, then is a lower percent acceptable?

Answer (*Sue Nogas*) – Yes, but only under certain conditions. The bottom line is that procuring agencies must buy a CPG product with the highest level of recovered content practicable. The EPA's recommended post-consumer and total recovered content percentages are only recommendations and reflect what EPA found on the market at the time the product was designated. A procuring agency is allowed to buy a product with a lower percentage of recovered content if: 1) the agency is unable to find, when they need it, a product containing a higher percentage of recovered content; 2) the product at a higher percentage is unavailable at a reasonable price, or 3) the product at a higher percentage does not meet the agency's performance requirements.

Question (*Dana Arnold*) – Are the recycled content requirements for roofing materials in sync with the EnergyStar requirements for roofing materials?

Answer (*Sue Nogas*) – I will look into it and let you know.

Question (*Teresa Loschke*) – On the website, are items identified as being recycled or non-recycled? Do vendors specify information on recycled content for their products? If a vendor is listed on EPA's Supplier Database website, does that mean all the vendor's products contain the specified recovered material?

Answer (*Sue Nogas*) – Only vendors who carry products that meet the recommended recovered content levels in the RMAN appear in the Supplier Database. Many times a vendor shown on the EPA Supplier Database, however, will have non-recycled products in addition to the recycled products and will need to be prompted to give you the recovered-content information.

DOE Memorandum on Environmentally Preferable Purchasing/Biobased Products –
Richard Langston (DOE-HQ Office of Procurement and Assistance Management)

- The Director of the Office of Procurement and Assistance Management issued a memorandum on August 6, 2004, encouraging all DOE Procurement Directors and the Purchasing Managers for DOE's major site and facility contractors to include environmental preferability and, in particular, biobased content, in their contracts and purchase orders ([http://professionals.pr.doe.gov/ma5/MA-5Web.nsf/WebAttachments/FLASH2004-23attachment%202/\\$File/FLASH2004-23attachment%202.pdf](http://professionals.pr.doe.gov/ma5/MA-5Web.nsf/WebAttachments/FLASH2004-23attachment%202/$File/FLASH2004-23attachment%202.pdf)).
- The Office of Energy Efficiency and Renewable Energy (EERE), through its Office of the Biomass Program, is urging the Department and its management contractors to be early adopters of the Buy Bio Program. Because biobased content is used to replace oil-based content, buying biobased products reduces our use of a finite resource and need to import foreign oil and, thereby, enhances our energy security.
- The Farm Security and Rural Investment Act, as well as Executive Orders 13101 and 13134, provide for a preferred procurement program for biobased versus similar petroleum based products, and is modeled after EPA's Affirmative Procurement Program for recycled content products. USDA will develop a list of products that Federal agencies and their contractors will be obliged to purchase with biobased content.
- The attachments to the memorandum:
 - List the categories and products USDA is expected to designate as biobased
 - Identify upcoming opportunities to specify biobased products in solicitations and contracts contained in the DOE and contractor business forecasts

FY2004 Reporting on Purchases of Recycled and Biobased Products – Don Lentzen (DOE-HQ Environmentally Preferable Purchasing Program Lead)
See the epp-EO13148datacall-04-guide.pdf file attached to the invitation

- The 2004 datacall was sent out to the field in October. It is currently available at the P2 website (<http://www.eh.doe.gov/p2/wastemin/p2datacall2004.pdf>).
- The datacall deadlines are:
 - **October 1, 2004:** Websites open for data entry
 - **December 3, 2004:** Complete EO13148 (Pollution Prevention) report due (<http://www.eh.doe.gov/p2/auth/login.asp?lk=wastemin/new2accupdat.asp>)
 - **December 17, 2004:** Best-in-Class Environmental Awards nominations due (<http://www.eh.doe.gov/p2/p2integratedhomepage/p2awprog.asp>)

- **December 31, 2004:** Complete EO13101 (Recycled Content with Biobased Content reporting opportunity) report due (<http://www.eh.doe.gov/p2/ap/zzlogin.cfm>)
- **January 7, 2004:** Selection of Environmental Awards by Program Offices due
- The opportunity to report your success at purchasing biobased products has been added to the reporting database. The input format is text until USDA designates specific products and percent of biobased content. If you report on biobased products, please include whenever possible:
 - Type of each biobased product purchased
 - Percent of biobased content
 - FY2004 volume and dollar amounts
 - Benefits your site realized from transitioning to biobased products
- For questions concerning biobased products, please contact Mark Decot (Tel. 202-586-6501, E-mail mark.decot@EE.DOE.GOV) or Sandra Cannon (Tel. 509-529-1535, E-mail sandra.cannon@pnl.gov).
- As you wend your way through the reporting websites, please send suggestions for improvement to Don Lentzen (Tel. 202-586-7428, E-mail donald.lentzen@eh.doe.gov).

RCRA/EO13101 Reporting Website – Brett Goldsmith (DOE-HQ, Information Technology)

- EO13101 (Environmentally Preferable Purchasing) reporting website is unchanged except updating the user's manual and for adding the opportunity to report your biobased product purchases.
- Waste Generation/ Reduction reporting website
 - Guidance document updated
 - Life-cycle cost analysis sheet on the Accomplishments page changed. Please follow the provided guidance to complete this section.
- For the Environmentally Preferable Purchasing website in general, we have updated the point-of-contact list, the index to our teleconference minutes, and added the minutes for the April and July 2004 teleconferences.

Question (*Gene Iley*) – Are we going to be reporting by category for biobased products in the future?

Answer (*Dana Arnold*) – No one is sure at this time what type of reporting for biobased products will be required. OFEE and Office of Federal Procurement Policy will be working with the agencies to develop a reporting system that reflects as much as possible purchasing behavior changes instead of data points for each product. The problem is how do we capture such information and have it reflect the actual situation?

FY2004 Award Nominations – Don Lentzen (DOE-HQ Environmentally Preferable Purchasing Program Lead)

- Award nominations are made on line (<http://www.eh.doe.gov/p2/p2integratedhomepage/p2awprog.asp>), must have all approvals, and be submitted no later than December 17, 2004.
- DOE has added two new awards this year:
 - P2 Stars - all around best-in-class environmental award, determined by Program Officers with potential to be submitted for White House Closing the Circle Awards
 - Buy Bio Award – best biobased initiatives award, determined by the Office of the Biomass Program. When submitting a nomination for the Buy Bio Award:
 - Select “Green Purchasing” as the award category
 - Denote the word “biobased” or some derivative thereof in the nomination title

- To have opportunity to be forwarded for a White House Closing the Circle Award as well, include description of your complete Environmentally Preferable Purchasing Program, highlighting the biobased initiatives undertaken this year and your recycled products program along with any other EPP components

Next teleconference: January 27, 2005

Adjourn

MAGNIFICENT SEVEN: NEWLY DESIGNATED RECYCLED PRODUCTS

Begin Purchasing and Collecting Purchasing Data by May 1, 2005

- Blasting Grit
- Furniture - Office
- Pipe – Non-Pressure
- Racks - Bicycle
- Ramps – Modular Threshold
- Roofing Materials
- Vehicle Parts - Rebuilt

SOURCES OF INFORMATION

DOE's "Environmentally Preferable Products Program" website for access to the reporting site, annual report, teleconference agenda and minutes, and sources of helpful information

U.S. Department of Energy's RCRA 6002/Executive Order 13101 home page
<http://www.eh.doe.gov/p2/ap/default.htm>

Environmentally Preferable Purchasing Executive Orders, Regulations, Guidelines

Office of the Federal Environmental Executive
www.ofee.gov

What Is Green Purchasing, Anyway?

Office of Personnel Management
www.golearn.gov (Free Catalog Section, then Legislatively Mandated...Topics)

GENERAL PRODUCT INFORMATION

Environmentally Preferable Products

U.S. Environmental Protection Agency
<http://www.epa.gov/oppt/epp/database.htm>

Alternative Fuels and Vehicles

U.S. Department of Energy

<http://www.eere.energy.gov/vehiclesandfuels/epact/federal/>

Biobased Products

U.S. Department of Agriculture

<http://www.biobased.oce.usda.gov/public/index.cfm>

Energy/Water Efficient Products

Federal Energy Management Program

<http://www.eere.energy.gov/femp/technologies/eeproducts.cfm>

Recycled Products and Suppliers

U.S. Environmental Protection Agency Comprehensive Procurement Guidelines

<http://www.epa.gov/epaoswer/non-hw/procure/index.htm>

Materials Exchange Products

(especially chemicals, equipment, and hazardous materials) at other DOE facilities

Log on with user name (erhquser) and password (erhqdoe)

DOE Complex Wide Materials Exchange

<http://wastenot.er.doe.gov/DOEmatex/index.html>

Substitutes for Ozone-Depleting Products

U.S. Environmental Protection Agency

<http://www.epa.gov/ozone/snap/lists/index.html>

SPECIFIC PRODUCT CATEGORIES**Carpet****Contract Language and Standards/Guidelines**

U.S. Environmental Protection Agency

Select "carpet" at <http://yosemite.epa.gov/oppt/epstand2.nsf/Pages/Search.html?Open>

Recycled Content Specifications and Suppliers

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/carpet.htm>

Suppliers

Green Seal "Choose Green Report: Carpet"

http://www.greenseal.org/cgrs/Carpet_CGR.pdf

Cement/Concrete**Recycled Content Specifications and Suppliers**

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/cement.htm>

Cleaning Products**Contract Language and Standards/Guidelines**

U.S. Environmental Protection Agency

Select “concrete” at

<http://yosemite.epa.gov/oppt/eppstand2.nsf/Pages/Search.html?Open>

Suppliers

Green Seal “Choose Green Report: Industrial and Institutional Cleaners”

http://www.greenseal.org/cgrs/CGR_I&I_cleaners.pdf

Construction Materials and Products

Contract Language

U.S. Department of Energy

<http://www.pnl.gov/doesustainabledesign/> , see “Letters of Intent, Construction Contracts”

Paint

Recycled Content Specifications and Suppliers

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/paint.htm>

Suppliers

Green Seal “Choose Green Report: Architectural Paints”

http://www.greenseal.org/cgrs/CGR_Paints.pdf

Toner Cartridges

Recycled Content Specifications and Suppliers

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/toner.htm>